PERSONAL INFORMATION

Name	Dr. JINTHA THOMAS
Department	CHEMISTRY
Year of Joining	4TH JUNE 2018
Address	KUTTIKKATTU HOUSE BRAHMAMANAGLAM P O KOTTAYAM
Phone (Mob :)	9496647143
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Academia URL(not mandatory)	https://independent.academia.edu/jinthagipson
Research GateURL (not mandatory)	https://www.researchgate.net/profile/Jintha_Thomas/info
Vidwan URL	https://vidwan.inflibnet.ac.in/profile/195769

COLLEGE-LEVEL DUTIES AND IN-CHARGE

Duty	**Position**	**Duration**
NIRF	NIRF coordinator	2020-
Class Teacher ship	Class Teacher-D3 Chemistry	D3-2020 - 2021
Admission Committee	Admission committee member UG	2020-2021
International Webinar series coordinator	International Webinar series coordinator	2020
Class Teacher ship	Class Teacher-D2 Chemistry	D2-2019 - 2020
Quiz Club	Quiz Club Coordinator	2019-2020
Admission Committee	Admission committee member UG	2019-2020
WWS Mentor	Mentor	2019-20
Class Teacher ship	Class Teacher-D1 Chemistry	D1-2018 - 2019
Internal Mark list documentation College Level	UG	2018-2019
Admission Committee UG	Admission committee member UG	2018-19

Arts Festival	House Master	2018-19
WWS Mentor	Mentor	2018-19

QUALIFICATIONS

Degree	**Rank**	**Institute**	**University**
M. Sc.	Nil	D B College Thalayolaparambu	MG University
B.Ed.	Nil	St. Joseph's Training College Mannanam	MG University
SET	NA	Cleared in 2006	
NET/JRF		Cleared in 2006	CSIR/UGC
MA LLL		Institute of Education and University of Deusto	University of London, UK and University of Deusto, Spain

RESEARCH DEGREES

Degree	**Institute**	**University**
M.Phil.	Nil	
Ph.D.	University of the Basque Country, (UPV/EHU), Spain	University of the Basque Country, (UPV/EHU), Spain
PDF(1)	DSKPDF, Cochin University of Science and Technology	Cochin University of Science and Technology
Pdf(2)		

Research	**No. s**	**Journals in which published**
National Publications	2	*Baselius Researcher*
International Publications	6	*Coordination chemistry Reviews (IF 12.239); Crystal Growth Design (IF* 4.891*); Crystal Engineering Communications (* IF 4.034*), European Journal of Inorganic Chemistry* (IF 2.942*)*
Book Chapter	1	Management and Professionalization of Higher Education, Macmillan Publishers India Ltd, 2010 (Book chapter).
Seminars Attended	6	
Workshops	2	
Oral/Poster	20	

Presentations National Level		
Oral/Poster Presentations International Level	10	
Minor Research Projects	Nil	-
Major Research Projects	Nil	-
Orientation/Induction	1	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING
FDP	1	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING
FDP	1	ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
FEP	1	Department of Chemistry, Government Arts College Thiruvananthapuram in association with Chemical Research Society of India
FEP	1	Department of Chemistry & Centre for Research, Baselius College, Kottayamin association with Chemical Research Society of India (CRSI)
FEP	1	ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM

RESEARCH PAPERS PUBLISHED/PRESENTED

PUBLICATIONS

- *Porous supramolecular compound based on paddle–wheel shaped copper(II)–adenine dinuclear entities*. Thomas–Gipson, J.; Beobide, G.; Castillo, O.; Cepeda, J.; Luque, A.;

Perez–Yañez, S.; Aguayo, A. T.; Roman, P. *CrystEngComm*. **2011**, *13*, 3301–3305. (Impact factor: **4.034**)
One of the top ten most read CrystEngComm. articles of March 2011

- *Metal–carboxylato–nucleobase systems: From supramolecular assemblies to 3D porous materials*. Beobide, G.; Castillo, O.; Cepeda, J.; Luque, A.; Pérez–Yáñez, S.; Román, P.; Thomas–Gipson, J. *Coord. Chem. Rev.* **2013**, *257*, 2716–723. (Impact factor: **12.239**)
- *Paddle–wheel shaped copper (II) adenine discrete entities as supramolecular building blocks to afford porous supramolecular metal–organic frameworks*. Thomas–Gipson, J.; Beobide, G.; Castillo, O.; Fröba, M.; Hoffmann, F.; Luque, A.; Pérez–Yáñez, S.; Román, P. *Cryst. Growth Des.* **2014**, *14*, 4019–4029. (Impact factor: **4.891**)
- *Unravelling the growth of supramolecular metal–organic frameworks based on metal–nucleobase entities*. Thomas–Gipson, J.; Pérez–Aguirre, R.; Beobide, G.; Castillo, O.; Luque, A.; Perez–Yañez, S.; Roman, P. *Cryst. Growth Des.* **2015**, *15*, 975–983. (Impact factor: **4.891**)
- *Supramolecular architectures based on metal cytosine systems*. Thomas–Gipson, J.; Beobide, G.; Castillo, O.; Luque, A.; Perez–Yañez, S.; Roman, P. *Eur. J. Inorg. Chem. 10.1002/ejic.201601475*. (Impact factor: **2.942**)
- *Providing evidence on the requirements to achieve supramolecular materials based on metal-nucleobase entities.* Thomas–Gipson, J.; Beobide, G.; Castillo, O.; Luque, A.: Pascual-Colino, J.; Perez–Yañez, S.; Roman, P., *CrystEngComm*. **2018**, *20*, 2528-2539. (Impact factor: **4.034**)
- *Social differences and inequalities posing challenges for policies and practices of access and widening educational participation in India*. Jintha Thomas and Varghese, G. in Management and Professionalization of Higher Education, Macmillan Publishers India Ltd, 2010 (Book chapter).
- A Review on the Strategy for Selective Design of Supramolecular Metal Organic Frameworks (SMOFs), Jintha Thomas Gipson, Baselius Researcher, 2017, ISSN No. 0975-8658
- Social Distancing and Lesson Planning: Some Reflections on Higher Education Planning in Kerala from a Post-Covod-19 Perspective, Gipson Varghese and Jintha Thomas, Baselius Researcher, 2017, ISSN No. 0975-8658

PARTICIPATION IN INTERNATIONAL LEVEL CONFERENCES

International Symposium on Metal Complexes (ISMEC2010)

Bilbao, Spain, June, 2010

1. Robust supramolecular porous compounds based on windmill shaped copper(II)–adenine dimeric entities.
   J. Thomas–Gipson, O. Castillo, J. Cepeda, A. Luque, S. Pérez–Yáñez, P. Román and D. Vallejo.
   Book of Abstracts ISMEC2010, P 33. Page 121–123 (2010)
2. Synthesis and thermal analysis of a 3D coordination polymer based on copper adeninato metal–organic framework.

S. Pérez–Yáñez, O. Castillo, J. Cepeda, A. Luque, P. Román, J. Thomas–Gipson, and D. Vallejo.
Book of Abstracts ISMEC2010, P 33. Page 121–123 (2010)

XXII Congress and General Assembly of the International Union of Crystallography (IUCR)
Madrid, Spain, August 2011.

3. Porous supramolecular compounds based on paddle–wheel shaped copper(II)–adenine entities.

   P. Román, J. Thomas–Gipson, G. Beobide, O. Castillo, J. Cepeda, M. Lanchas, A. Luque, S. Pérez–Yáñez and D. Vallejo–Sánchez.
   Book of Abstracts, page C621, (2011). MS61.P42, Acta Cryst. (2011) A67, C621.
4. 3D–copper–adeninate complexes with micro channels tailored by aliphatic acids.
   S. Pérez–Yáñez, G. Beobide, O. Castillo, J. Cepeda, M. Lanchas, A. Luque, P. Román, J. Thomas–Gipson and D. Vallejo–Sánchez.
   Book of Abstracts, page C396–C397, MS25.P13, (2011). Acta Cryst. (2011) A67, C396–C397.
5. 1D systems based on pyrazine–2,5–dicarboxylate linkers and [Mn(phen)]2+ nodes.
   M. Lanchas, G. Beobide, O. Castillo, J. Cepeda, A. Luque, S. Pérez–Yáñez, P. Román, J. Thomas–Gipson and D. Vallejo–Sánchez.
   Book of Abstracts, page C396, MS25.P12, (2011). Acta Cryst. (2011) A67, C396Book of Abstracts, page C621, (2011). MS61.P42, Acta Cryst. (2011) A67, C621.
6. Commensurate 3D Ln–pmdc–ox open frameworks.
   J. Cepeda, G. Beobide, O. Castillo, M. Lanchas, A. Luque, S. Pérez–Yáñez, P. Román, J. Thomas– Gipson and D. Vallejo–Sánchez.
   Book of Abstracts, page C758–C759, MS88.P10, (2011). Acta Cryst. (2011) A67, C758–C759.

5th EUCHEMS Conference on Nitrogen Ligands
Granada, Spain, September, 2011.

7. Metal–nucleobase based MOFs and supraMOFs.
   O. Castillo, G. Beobide, A. Luque, S. Pérez–Yáñez and J. Thomas
   Book of Abstracts, SL10. page 65 (2011)

11th European Biological Inorganic Chemistry Conference (EUROBIC11)
Granada, Spain, September, 2012.

8. Porous networks based on metal–adenine–carboxylic ligand units. A new method to improve the microporosity.
   G. Beobide, O. Castillo, J. Cepeda, A. Luque, S. Pérez–Yáñez, J. Thomas

   Book of Abstracts, KL–27. page 75 (2012)

Dr. K. V. Thomas Endowment International Symposium on New Trends in Applied Chemistry (NTAC 2017) Cochin, India, February, 2017.

9. Supramolecular metal-organic frameworks based on metal-nucleobase discrete entities. (poster and oral presentation)

   Jintha Thomas-Gipson, Oscar Castillo Garcia, Garikoitz Beobide, Antonio Luque, Pascual Román Polo

Book of Abstracts,. Page 252 (2017)

MATCON 2019, Cochin University of Science and Technology , March 2019

10. Synthetic route to Supramolecular metal-organic frameworks based on metal-nucleobase discrete entities
    Jintha Thomas-Gipson, Oscar Castillo Garcia, GarikoitzBeobide, Antonio Luque, PascualRomán Polo

PARTICIPATION IN NATIONAL LEVEL CONFERENCES (SPAIN)

II Jornadas de Investigación de la Facultad de Ciencia y Tecnología

Bilbao, Spain, March 2010.

1. Extended metal–organic frameworks (MOFs).
   O. Castillo, A. Luque, P. Román, J. Cepeda, M. Lanchas, S. Pérez, J. Thomas and D. Vallejo.
   Book of Abstracts, page. 80, (2010).

14ª Reunión Científica Plenaria de Química Inorgánica y 8ª Reunión Científica Plenaria de Química del Estado Sólido (QIES).

Cartagena, Spain, September 2010.

2. Phase transition in Indium/pyrazine based extended polymeric structures
   J. Cepeda, O. Castillo, M. Lanchas, A. Luque, S. Pérez–Yáñez, P. Román, J. Thomas–Gipson and D. Vallejo–Sánchez.
   Book of Abstracts, page. 58, PO24, (2010).
3. Multidimensional compounds based on Pyrazine-2,5-dicarboxylate ligand.
   J. Cepeda, O. Castillo, M. Lanchas, A. Luque, S. Pérez–Yáñez, P. Román, J. Thomas–Gipson and D. Vallejo–Sánchez
   Book of Abstracts, page. 59, PO25, (2010).

VIII Reunión Científica de Bioinorgánica

Burgos, Spain, July, 2013.

4. Selective CO_2 adsorption in Supramolecular metal-biomolecule
   J. Thomas–Gipson, G. Beobide, O. Castillo, J. Cepeda, M. Lanchas, A. Luque, S. Pérez–Yáñez, D. Vallejo and P. Román.
   Book of Abstracts, page 81, C35, (2013).
5. Porous structures based on metal-adenine-carboxylate units. A new method to increase the microporosity of materials
   M. Lanchas, G. Beobide, O. Castillo, J. Cepeda, S. Pérez–Yáñez, A. Luque, D. Vallejo Sánchez, J. Thomas–Gipson and P. Román.
   Book of Abstracts, page 28, CI4, (2013).
6. Green Chemistry to design metal-biomolecule Frameworks
   M. Lanchas, G. Beobide, O. Castillo, J. Cepeda, S. Pérez–Yáñez, A. Luque, D. Vallejo–Sánchez, J. Thomas–Gipson and P. Román
   Book of Abstracts, page. 77, C31, (2013).

XXXIV Reunión Bienal de la R.S.E.Q

Santander, Spain, September 2013.

7. MOF–alumina and MOF–silica hybrid xerogels.

M. Lanchas, G. Beobide, O. Castillo, J. Cepeda, A. Luque, S. Pérez–Yáñez, P. Román, J. Thomas–Gipson and D. Vallejo Sánchez.
Book of Abstracts, page. 59, 1–ADS, (2013).

8. Template mediated enhance of the adsortion capacity of ZIF–67.
M. Lanchas, G. Beobide, O. Castillo, J. Cepeda, A. Luque, S. Pérez–Yáñez, P. Román, J. Thomas–Gipson and D. Vallejo Sánchez.
Book of Abstracts, page. 22, 4–INOR, (2013).
9. Microwave assisted solvent–free synthesis of zeolitic imidazolate frameworks.
M. Lanchas, S. Arcediano, G. Beobide, O. Castillo, J. Cepeda, A. Fernández–Fernández, A. Luque, S. Pérez–Yáñez, P. Román, J. Thomas–Gipson and D. Vallejo Sánchez.
Book of Abstracts, page 58, 4–INOR, (2013).
10. Zinc–thiocarboxylate compounds as precursors for zinc sulphide nanoparticles under aeróbic conditions.
D. Vallejo Sánchez, M. Lanchas, G. Beobide, O. Castillo, J. Cepeda, A. Luque, S. Pérez–Yáñez, P. Román and J. Thomas–Gipson.
Book of Abstracts, page. 77, 4–INOR, (2013).

IV Jornadas de Investigación de la Facultad de Ciencia y Tecnología

Bilbao, Spain, February 2014.

11. Porous M^{II}/Pmdc Neutral Frameworks: Synthetic Influence on their CO_2 Capture Capacity and evaluation of CO_2–Adsorbent Interactions.
J. Cepeda, S. Arcediano, G. Beobide, O. Castillo, M. Lanchas, A. Luque, S. Pérez–Yáñez, P. Román, J. Thomas–Gipson and D. Vallejo–Sánchez.
Book of Abstracts, page. 75, (2014).

XXIV Simposio del Grupo Especializado de Cristalografía y Crecimiento Cristalino (GE3C 2014)

Bilbao, Spain, June 2014.

12. Robust supramolecular porous compound based on metal–nucleobase discrete entities. (oral presentation)
J. Thomas–Gipson, S. Arcediano, G. Beobide, O. Castillo, D. Vallejo Sánchez, M. Lanchas, J. Cepeda, S. Pérez–Yáñez, A. Luque and P. Román.
Book of Abstracts, page O–02, (2014).
13. Porous MII/Pmdc neutral frameworks: Synthetic influence on their CO2 capture capacity and evaluation of CO_2–adsorbent interactions.
J. Cepeda, S. Arcediano, G. Beobide, O. Castillo, M. Lanchas, A. Luque, S. Pérez–Yáñez, P. Román, J. Thomas–Gipson and D. Vallejo Sánchez.
Book of Abstracts, page. O–13, (2014).
14. Metal-adenine-carboxylate systems (Sistemas metal–adenina–carboxilato)
S. Pérez–Yáñez, S. Arcediano, G. Beobide, O. Castillo, J. Cepeda, M. Lanchas, A. Luque, P. Román, J. Thomas–Gipson and D. Vallejo Sánchez.
Book of Abstracts, page.O–22, (2014).
15. Metal thiocarboxylate complexes as single–source precursors of metal sulfide nanoparticles by solvent–free route under aerobic conditions.
D. Vallejo Sánchez, S. Arcediano, G. Beobide, O. Castillo, J. Cepeda, M. Lanchas, A. Luque, S. Pérez–Yáñez, P. Román and J. Thomas–Gipson.
Book of Abstracts, page P–27, (2014).

1er Simposium sobre Propiedades y Aplicaciones de MOFs y COFs

Granada, Spain, April 2015

16. Unravelling the growth of supramolecular metal–organic frameworks (SMOFs) based on metal–nucleobase entities (oral presentation)
    J. Thomas–Gipson, R. Pérez–Aguirre, G. Beobide, O. Castillo, A. Luque, S. Pérez–Yáñez and P. Román
    Book of Abstracts, CO22, 2015, (page 28)

XXXV Reunión Bienal de la R.S.E.Q

A Coruña, Spain, July 2015.

17. Supramolecular Metal-Organic Frameworks (SMOFs) as an alternative to more conventional Metal-Organic Frameworks (MOFs).
    O. Castillo, J. Thomas–Gipson, R. Pérez–Aguirre, G. Beobide, A. Luque, S. Pérez–Yáñez and P. Román
    Book of Abstracts, S2-PP-08, 2015, (page 133)

XXXV Reunión Bienal de la R.S.E.Q

Sitges, Spain, June 2017.

18. Supramolecular Metal Organic Frameworks (SMOFs): Hydrogen bond vs Pi⋯Pi Stacking.
    O. Castillo, G. Beobide, A. Luque, J. P. Colino, R. Pérez–Aguirre, S. Pérez–Yáñez, P. Román and J. Thomas–Gipson.

CITRIC 2018, Cochin University of Science and Technology , February 2018

19. Supramolecular metal-organic frameworks based on metal-nucleobase discrete entities.

    Jintha Thomas-Gipson, Oscar Castillo Garcia, Garikoitz Beobide, Antonio Luque, Pascual Román Polo

CITRIC 2020, Cochin University of Science and Technology, February 2018

20. Metal-Organic Frameworks sustained by Hydrogen Bonds

    Jintha Thomas-Gipson, Oscar Castillo Garcia, Garikoitz Beobide, Antonio Luque, Pascual Román Polo

AWARDS, HONORS, RECOGNITIONS, PATENTS

Nature	**Title**	**Institute**
Research paper award-Oral	Dr. K. V. Thomas Endowment International Symposium on New Trends in Applied Chemistry (NTAC 2017) Cochin, India, February, 2017	S H College, Thevara

Post-doctoral Fellowship	Dr. D. S. Kothari Post-doctoral Fellowship	UGC
Honours Cum-Laude	PhD Chemistry	University of the Basque Country, Spain
Scholarship	Erasmus Mundus Scholarship	European Union
Fellowship	JRF	UGC/CSIR
Topper	BSc and MSc Chemistry	D B College, Thalayolaparambu